

AMENDMENTS TO THE DRAWINGS

The attached Replacement Sheets of drawing figures includes the following changes:

Fig. 1 includes reference numeral 19; and

Fig. 4 includes a dotted-line.

Attachment: Replacement sheets

REMARKS

The drawing figures are objected to under 37 CFR 1.83 (a). The attached Replacement Sheet(s) of Drawings obviate the objection. Withdrawal of the objection is respectfully requested.

Reference numeral "17e" originally recited in the specification has been changed to "17a" on page 13.

The specification is objected to because of informalities. The specification is amended to obviate the objection. Also, a new abstract of the disclosure is provided herewith. Withdrawal of the objection is respectfully requested.

Claim 4 is objected to because of an informality. The claim is amended to obviate the objection. Withdrawal of the objection is respectfully requested.

Claims 1-11 are rejected under 35 USC 112, first paragraph. The specification has been amended on page 9, third paragraph, to correct the contradiction. Withdrawal of the rejection is respectfully requested.

Claim 5 is rejected under 35 USC 112, second paragraph. Claim 5 is canceled and therefore the rejection as applied thereto is now moot.

Claims 1-3 are rejected under 35 U.S.C. 102(b) as anticipated by Shirai (600). The rejection is respectfully traversed.

Although the width of the facing part of the outer circumference-side magnetic pole is smaller than the width of the facing part of the inner circumference-side magnetic pole as shown in Figure 5 of Shirai, there is no guarantee that the facing area becomes smaller like this invention on the outer circumference-side magnetic pole because nothing is described for the area. Therefore, technical idea that the facing area of the outer circumference-side magnetic pole is smaller like claim 1 cannot be understood by Shirai.

In claim 3, as the magnetism blocking portions at the friction surface of the rotor are composed of longitudinal holes and grooves formed to extend along the circumferential direction as shown in Fig.4, it becomes easy to adjust the facing area by adjusting the width of the grooves

17b after longitudinal hole 17a is formed though the adjustment of the area by only longitudinal hole 17a is difficult.

It is respectfully submitted that that the applied art fails to teach each element of claim 1. As a result, it is respectfully submitted that claim 1 is allowable over the applied art.

Claim 2 depends from claim 1 and includes all of the features of claim 1. Thus, it is respectfully submitted that claim 2 is allowable at least for the reason claim 1 is allowable as well as for the features it recites.

Claim 3 is canceled and therefore the rejection as applied thereto is now moot. Withdrawal of the rejection is respectfully requested.

Claim 5 is rejected under 35 U.S.C. 103(a) as unpatentable over Shirai. Claim 5 is canceled and therefore the rejection as applied thereto is now moot. Withdrawal of the rejection is respectfully requested.

Claims 8 and 9 are rejected under 35 U.S.C. 103(a) as unpatentable over Shirai in view of Nasu et al. (U.S. 2001/0050522). The rejection is respectfully traversed.

The Nasu et al. discloses a chromate film for a metal member. But the chromate film is not given to the part which frequently slides. In the facing surface of the armature and the rotor, it is necessary to improve the friction resistance and improve the torque transmission. The friction coefficient can be enlarged and the torque transmission can be improved compared with the case which the plating processing is not done by forming the chromate film between two metals. Moreover, because the friction surface gets to fit mutually when worn out by using the repetition in forming the chromate film, the torque transmission improves.

Thus, forming a chromate film over disk of armature has an advantageous effect different from the Nasu device.

The technical idea, which the chromate film is formed over friction surface, is not indicated in the Nasu in any way nor is it suggested.

Furthermore, claims 8 and 9 depend from claim 1 and include all of the features of claim 1. Thus, it is respectfully submitted that the dependent claims are allowable at least for the reason claim 1 is allowable as well as for the features they recite.

Withdrawal of the rejection is respectfully requested.

It is respectfully submitted that the Office Action does not substantively address claims 4, 6, 7, 10 and 11 (although Applicants understand that claims 10 and 11 are identical to claims 8 and 9). Applicants respectfully request a substantive examination of the unexamined claims in a non-final action.

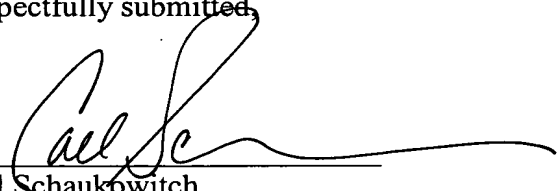
In view of the foregoing, reconsideration of the application and allowance of the pending claims are respectfully requested. Should the Examiner believe anything further is desirable in order to place the application in even better condition for allowance, the Examiner is invited to contact Applicants' representative at the telephone number listed below.

Should additional fees be necessary in connection with the filing of this paper or if a Petition for Extension of Time is required for timely acceptance of the same, the Commissioner is hereby authorized to charge Deposit Account No. 18-0013 for any such fees and Applicant(s) hereby petition for such extension of time.

Dated: October 7, 2004

Respectfully submitted,

By


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Attachments



Application No.: 10/617,772

Docket No.: OHK-0002

REPLACEMENT SHEETS